United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

AMIGO MULTIMEDIA, INC.
3091 S JAMAICA CT.
SUITE 230
AURORA CO 80014

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 28, 2014

This license expires 3:00 a.m. local time, October 01, 2021.

Facility Id: 29019

Call Sign: KNUV

License File Number: BML-20140507AEL

This license modifies license no.: BL-19811027AS

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:45 PM	Jul.	5:30 AM	7:45 PM
Feb.	7:15 AM	6:15 PM	Aug.	5:45 AM	7:15 PM
Mar.	6:45 AM	6:30 PM	Sep.	6:15 AM	6:30 PM
Apr.	6:00 AM	7:00 PM	Oct.	6:30 AM	6:00 PM
May	5:30 AM	7:15 PM	Nov.	7:00 AM	5:30 PM
Jun.	5:15 AM	7:45 PM	Dec.	7:30 AM	5:30 PM

Callsign: KNUV License No.: BML-20140507AEL

Name of Licensee: AMIGO MULTIMEDIA, INC.

Station Location: TOLLESON, AZ

Frequency (kHz): 1190

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	33	Deg	26	Min	42 Sec
Longitude:	W	112	Deg	15	Min	54 Sec

		Night				
Latitude:	N	33	Deg	26	Min	42 Sec
Longitude:	W	112	Deg	15	Min	54 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.4 Night: 0.25

Antenna Input Power (kW): Day: 5.4 Night: 0.27

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10.29 Night: 2.3

Resistance (ohms): Day: 51 Night: 51

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1027211	
2	1027212	
3	1027210	

Night:

Tower No.	ASRN	Overall Height (m)
1	1027211	
2	1027212	
3	1027210	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 696.85 Night: 172.2

Standard RMS (mV/m/km): Day: 732.1 Night: 181.21

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	89.3
2	0.5100	73.000	135.0000	230.000	0	89.3
3	0.6800	-120.000	135.0000	50.000	0	89.3

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	89.3
2	0.6000	162.000	135.0000	230.000	0	89.3
3	0.6000	-148.000	135.0000	50.000	0	89.3

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	78.2	0.465
3	-115.7	0.622

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	159.3	0.53
3	-149	0.539

Antenna Monitor: POTOMAC INSTRUMENTS, MODEL AM-1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
157.5	4.92	33.6
196.5	4.83	60
230	2.93	100
302.5	4.47	35.05

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
50	3.33	106
105.7	2.57	15.5
230	2.93	69.3
309.3	4.59	6.9

Special operating conditions or restrictions:

1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.

2 Ground system consists of 120 buried copper wire radials, each 61 meters in length except where terminated and bonded to a copper strap at the property boundaries, equally spaced about the base of each tower. In addition, a 12 m x 12 m expanded mesh copper ground screen is installed about the base of each tower.

Special operating conditions or restrictions:

3 MONITOR POINT DESCRIPTIONS:

50° - The monitor point is located 1.42 km (0.88 mi.) north of the intersection of 83rd Avenue and Van Buren Street. The point is on the east edge of an irrigation ditch, opposite a white post in the corner of the yard of the last house before McDowell Road. The monitor point is 3.33 km from the transmitter site. The field intensity measured at this point should not exceed 106 mV/m, Nighttime.

150.7° -The monitor point is located at painted spots on an irrigation ditch on the south side of a dirt road,1.26 km (0.78 mi.) south and 0.32 km (0.2 mi.) east of the intersection of 91st Avenue and Buckeye Road. The monitor point is 2.57 km from the transmitter site. The field intensity measured at this point should not exceed 15.5 mV/m, Nighttime.

157.5° - The monitor point is located in the center of a dirt maintenance road along the east side of a concrete irrigation ditch, 0.32 km (0.2 mi) south of 8639 West Broadway Road. The point is in line with a wooden fence with 6"x6" white wooden posts and triple slats. There is an orange dot painted on the top of the post nearest to the point. The monitor point is 4.92 km from the transmitter site. The field intensity measured at this point should not exceed 33.6 mV/m, Daytime.

196.5° - The monitor point is located on the east shoulder of a dirt maintenance road along the east side of a concrete irrigation ditch, 0.29 km (0.18 mi) south of 8639 West Broadway Road. The point is 100 feet south of the southernmost of two lateral ditches connecting to the main irrigation ditch, and is indicated by a short wooden stake. The monitor point is 4.83 km from the transmitter site. The field intensity measured at this point should not exceed 60 mV/m, Daytime.

230° - The monitor point is located in the middle of the intersection of 107th Avenue and Durango Street, at a painted red and white dot. The monitor point is 2.93 km from the transmitter site. The field intensity measured at this point should not exceed 100 mV/m Daytime; 69.3 mV/m Nighttime.

302.5° - From the transmitter building turn left on south 95th Avenue. Drive 0.24 km north to West Washington Street then turn right. Drive 0.14 km east to North 94th Avenue, then turn left. Drive 0.32 km north to West Van Burn Street, then turn left. Drive 4.12 km to Avondale Blvd then turn right. Drive 1.84 km north on Avondale Blvd, then turn right into the parking lot of Phoenix children's Hospital: Southwest, at 1665 north Avondale Blvd. The point is in the northwest corner of the parking area adjacent to Avondale Blvd. The monitor point is 4.47 km from the transmitter site. The field intensity measured at this point should not exceed 35.05 mV/m, Daytime.

309.3° - The monitor point is located on the north side of Encanto Street, 0.26 km (0.16 mi.) east of the intersection of Encanto Street and 115th Avenue, 7 feet south of a white paint spot on a tree trunk. The monitor point is 4.59 km from the transmitter site. The field intensity measured at this point should not exceed 6.9 mV/m, Nighttime.

*** END OF AUTHORIZATION ***